

ABSTRACT OF THE DISCLOSURE

A method provides, on a printed circuit board 16, at least a first and a second printed circuit board fuse trace A, B placed in parallel with each other in a main current carrying path 18. In a normal operating condition, it is ensured that 1) all of the traces carry a portion of a load current and 2) the traces are configured to prevent opening of the traces in the normal operating condition. When a fault condition occurs, it is ensured that the first trace A opens before a resistance thereof increases so as to divert more of a load current to the second trace B, thereby causing the second trace B to open after opening of the first trace A.